

**Polyurethane foam filled hollow profile, for insulating hollow constructions e.g. window frames, comprising a foam mixture carrier material with delayed permeability**

Patent Number: DE10031568  
Publication date: 2001-04-05  
Inventor(s): ORYWOL PETER (DE); KREUER KARL-DIETER (DE)  
Applicant(s):: BAYER AG (DE)  
Requested Patent: ☐ DE10031568  
Application: DE20001031568 20000628  
Priority Number(s): DE20001031568 20000628; DE19991046854 19990930; DE19991050604 19991021  
IPC Classification: F16S3/00 ; B29C44/06 ; B29C44/18 ; E06B3/263  
EC Classification: B29C44/38C, B29C44/12C  
Equivalents:

---

**Abstract**

---

A carrier material (3) for a polyurethane (PU) foam is impermeable to the reactive foam mixture (15) when the mixture is fed onto the carrier. When the mixture is fed into the hollow profile, the carrier becomes permeable to the foam mixture, before the viscosity starts to rise as the mixture reacts. An Independent claim is made for a process for producing a hollow profile filled with foam in which a reactive foam fluid mixture (15) is applied onto a carrier material (3) with delayed permeability as the latter is drawn into a profile at uniform speed.

---

Data supplied from the esp@cenet database - I2